



Jefferson Lab Alignment Group

Data Transmittal

TO: D. Gaskel, R. Ent

DATE: 13 Nov 2006

FROM: J. Dahlberg

Checked: KT

: C1085

DETAILS:

DATA: Step2B\BSY\BSY9C\060306A, 060530A, 060531A, 060619A

Below are the results from the line C moller polarimeter surveys performed during the months of May and June of 2006. From the as found location, the moller target was shifted approximately 3.0 millimeters down and 0.5 mm to the beam left. The Los Alamos quad was moved as far upstream on the support girder as the adjustments would allow. A +Z is downstream from ideal, a +X is to the beam left, and a +Y is above.

| LOCATION | Z | X | Y |
|------------------------------------|------|-------|-------|
| IPM3C17 (bpm upst from moller tgt) | | 0.41 | -0.18 |
| Flange upst from moller tgt. | | 0.76 | 0.50 |
| Moller target | 0.17 | -0.06 | -2.72 |
| Upst pipe inside QF3M01 | | -0.62 | -1.16 |
| QF3M01 (Los Alamos quad) | 6.23 | 0.16 | 0.50 |
| Dnst pipe inside QF3M01 | | 0.55 | 0.09 |
| Dnst end of QF3M01 pipe | | -0.13 | 0.23 |
| CO3M01 (collimator) | | -0.47 | 0.08 |
| QE3M02 (Argon quad) | 0.25 | 0.08 | 0.24 |